

Advanced PubMed® Tips, Tricks, and Tools: MeSH

What happens when MeSH is updated?

- Introduction to MeSH 2015: <http://www.nlm.nih.gov/mesh/introduction.html>
- **New Term; Same Meaning**
 - In many cases, the old term becomes an _____ for the new MeSH term.
 - When a MeSH term is replaced, the new term inherits the _____ from the original/old term.
 - Examples:
 - Cell Phone
 - Anxiety Disorders
 - PMID 974444
- **New Term; More Specific**
 - When a new term is added it _____ applied to earlier citations.
 - This is the _____ common type of change.
 - Examples:
 - Obsessive Hoarding
 - PMID 19457476
- **New Term Clarifies Meaning**
 - Example:
 - Depression; Depressive Disorder

Two Dates in MeSH

- Video: <http://youtu.be/bLKrqs2qps>
- Example:
 - Placental circulation

As Topic vs. Publication Type

- To find articles on the development of practice guidelines you would use the term:
- Examples:
 - Multicenter Study
 - PMID: 25408371
 - PMID: 24521588

Organisms and Diseases

- Examples:
 - Salmonella
 - Ebola

Filters

- Which filters restrict your results to MEDLINE-indexed citations?

Subheadings

1. Tutorial: www.nlm.nih.gov/bsd/disted/pubmedtutorial/020_730.html
2. Two letter subheading abbreviations:
www.ncbi.nlm.nih.gov/books/NBK3827/table/pubmedhelp.T41/

Commonly Confused Subheadings:

/Anatomy and Histology is used to describe a _____ state.

/Pathology is used to describe a _____ state.

/Adverse effects: Side effects or complications from a substance used in an _____ dosage.

/Toxicity: For experimental human and animal _____ of ill effects.

/Poisoning: _____ intake of a substance (accidental, occupational, suicidal, medication error, or by environmental exposure).

/Contraindications: Used with drugs, chemicals, biological and physical agents to describe conditions when it is _____ to use a drug.

Subheading Coordination

- a) Treatment of a disease or condition using any drug.

Anxiety/_____

- b) A specific drug to treat a disease or condition.

Luvox/_____

- c) Description of the original or primary cancer site.

Breast Neoplasms/_____

- d) Description of a metastasized cancer.

Brain Neoplasms/_____

MeSH Heading or Subheading: When both exist, which should I use?

Rehabilitation

Use _____ to represent a specific type of rehabilitation.

Use _____ attached to the disease or condition treated by rehabilitation.

PMID: 25365884

Education

Use _____ to represent a specific type of education.

Use _____ attached to the group you want to educate.

PMID: 24267774

Nursing

Use _____ to represent a specific type of nursing care.

Use _____ attached to the disease or condition when a nurse is involved in providing care.

PMID: 9847814

Free Floating

Use the Boolean Operator AND to search _____ ANDed to any MeSH heading to retrieve citations that may relate to your topic in some way.